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Claims:

1. A composite structural material comprising:
 - a highly oriented polymer produced by a drawing process; and,
 - a particulate filler non-adhering with said highly oriented polymer capable of reacting with a fluid to form a cementitious bond;
 - said filler being present in an amount, and dispersed to a degree, sufficient to form interpenetrating polymer and cementitious networks in said composite material upon reaction of said filler with said fluid.
2. The composite material as claimed in claim 1 wherein:
 - said particulate filler is a member selected from the group consisting of silicate cements and gypsum.
3. The composite material of claim 2 wherein:
 - said particulate filler includes at least one of Portland cement and calcium sulphate hemi-hydrate.
4. The composite material of claim 3 wherein said particulate filler further includes a non-reactive component.
5. The composite material of claim 4 wherein said non-reactive component is wood sawdust.
6. The composite material of claim 1 wherein the drawing process is a die drawing process.
7. The composite material of claim 1 wherein the drawing process is a free drawing process.
8. The composite material of claim 3 wherein the weight ratio of Portland cement to oriented polymer is between 37.5 wt.% and 67.5 wt.%.

AMENDED CLAIMS

**[Received by the International Bureau on 28 November 2003 (23.11.03):
original claim 9 replaced by amended claim 9]**

9. The composite material of claim 3 wherein the weight ratio of Portland cement to oriented polymer is 67.5 wt.%.

AMENDED SHEET (ARTICLE 19)

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